

1. (currently amended) An apparatus for packaging an energy storage capacitor ~~adapted for use within~~ an external defibrillator, the apparatus comprising:
 - a defibrillator housing having a first interior region and a second interior region;
 - capacitor interface electronics ~~of the external defibrillator~~ located in the second interior region;
 - a wound core disposed in the first region of the housing and adapted for electrical connection to the capacitor interface electronics ~~of the external defibrillator~~, the wound core being arranged in such a manner that a void for receiving potting material is positioned between the wound core and a side surface of the housing, ~~and;~~
 - a conductive path adapted to electrically connect the wound core in the first region of the housing to ~~and~~ the capacitor interface electronics in the second region of the housing;
 - the first region being sized to receive the wound core and the potting material, and having a cavity defined by the side surface, a closed first end, and an at least partially open second end, the second region being sized to receive the capacitor interface electronics; and
 - an exterior housing surface arrangeable to at least in part surround each of the first and second interior regions.
2. (previously presented) The apparatus according to claim 1, further comprising:
 - a potting material substantially filling the void.
3. (previously presented) The apparatus according to claim 2, wherein the potting material comprises one of oil and epoxy.
4. (previously presented) The apparatus according to claim 1, wherein the housing and exterior housing surface comprise a molded plastic housing.
5. (previously presented) The apparatus according to claim 1, wherein the housing and exterior housing surface comprise a plurality of interconnected parts.

6. (previously presented) The apparatus according to claim 1, wherein the capacitor interface electronics comprise a circuit board.

7. (canceled)

8. (original) The apparatus according to claim 1, wherein the side surface comprises one of an oval surface, a circular surface and a box-like surface.

9. (previously presented) A method for packaging the energy storage capacitor of Claim 1, the energy storage capacitor having the wound core adapted for communication with the capacitor interface electronics ~~associated with the external defibrillator~~, the method comprising:

providing the housing having the first region and the second region, the first region having a cavity defined by the side surface, the closed first end, and the at least partially open second end, the second region sized to receive the capacitor interface electronics;

arranging the wound core in the first region in such a manner that the void for receiving the potting material is positioned between the wound core and the side surface, and the wound core is positioned for communication with the capacitor interface electronics when the capacitor interface electronics are disposed in the second region; and

depositing the potting material into the void.

10. (previously presented) The method according to claim 9, further comprising:
disposing the capacitor interface electronics in the second region; and
establishing electrical communication between the wound core and the capacitor interface electronics.

11. (previously presented) The method according to claim 9, wherein the capacitor interface electronics comprise a circuit board.

12. (previously presented) The method according to claim 9, wherein the potting material comprises one of oil and epoxy.

13. (previously presented) The method according to claim 9, wherein the housing comprises a molded plastic housing.

14. (previously presented) The method according to claim 9, wherein the housing comprises a plurality of interconnected plastic parts.

15. (canceled)

16. (original) The method according to claim 9, wherein the side surface comprises one of an oval surface, a circular surface and a box-like surface.

17. (currently amended) An external defibrillator, comprising:
a housing comprising:

a first interior region and a second interior region, the first interior region defining a first cavity and having a configuration defined by a side surface, a closed first end and at least partially open second end, the second interior region defining a second cavity;

a wound capacitor core arranged in the first interior region in such a manner that a void is positioned between the wound capacitor core and the side surface;

an electrical path for conductively connecting the wound capacitor core and the second interior region;

a potting material disposed in the void; ~~and~~

a capacitor interface disposed in the second interior region, the capacitor interface in communication with the wound capacitor core via the electrical path; and

an exterior housing surface arrangeable to at least in part surround each of the first and second interior regions.

18. - 20. (canceled)